

AMENDMENTS TO THE CLAIMS

1-45. (Cancelled)

46. (Currently amended) A ceramic coated fiber, comprising:

(a) a fiber, and

(b) ceramic, coated on the fiber,

wherein the ceramic has a BET surface area of at least 200 m²/g,

the ceramic comprises crystalline ceramic, and

the ceramic comprises 10 to 90% by weight of the ceramic coated fiber,

and

the ceramic comprises at least one member selected from the group consisting of TiON and TiOS.

47. (Currently amended) The ceramic coated fiber of claim 46, wherein the ceramic comprises TiO₂ and/or TiON having an anatase structure.

48. (Cancelled)

49. (Previously presented) The ceramic coated fiber of claim 46, wherein the ceramic has a BET surface area of 200 m²/g to 300 m²/g.

50. (Canceled).

51. (Previously presented) The ceramic coated fiber of claim 46, further comprising silver and/or palladium.

52. (Previously presented) The ceramic coated fiber of claim 46, wherein the ceramic has a BET surface area of 200 m²/g to 2000 m²/g.

53. (Previously presented) The ceramic coated fiber of claim 46, wherein the ceramic has a BET surface area of 200 m²/g to 500 m²/g.

54. (Previously presented) The ceramic coated fiber of claim 46, wherein the ceramic has a BET surface area of at least 500 m²/g.